

PART 573 Defect and Noncompliance Report

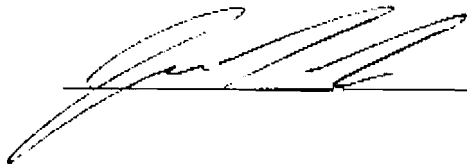
On August 10, 2007 Irbit Motorworks of America, Inc decided that a defect witch relates to motor vehicle safety exists in the motor vehicles listed bellow, and is furnishing notification to the National Highway Safety Administration in accordance with 49 CFR Part 573.

Report prepared on: 8-10-2007
Recall code: (Not yet available)
Irbit Motorworks of America, Inc.
15411 Ne 95th St.
Redmond, Wa 98052

07V-372
(6 Pages)

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Report prepared by:
Jason Rae
V.P. Operations and Product Support

 Date 8-20-07

Vehicle Models Involved in the Recall

Make: Ural **Model Years Involved:** 2007

Models: Gear-up, Tourist, Tourist LX, Patrol, Retro, and Wolf

Production Dates Beginning: 1-15-07 **Ending:** 6-1-07

Vehicle Type: Ural Motorcycles **Body Style:** Motorcycle with sidecar

This recall includes all 2007 Ural motorcycles produced prior to 6-2-07 assembled with Herzog transmission gears sets.

Recall Population

Model	Year	Number Potentially Involved
Gear-up	2007	83
Patrol	2007	130
Retro	2007	31
Tourist	2007	43
Tourist Deluxe	2007	19
Wolf	2007	2

Total Number Potentially Affected by the Recall: 308 units

The recall population was determined by recalling all 2007 models produced prior to 6-1-07 equipped with "Herzog" transmission gear sets.

Defect Description

The known defect is specific the transmission main shaft being outside of acceptable tolerance.

The cause of this defect is incorrect manufacturing of transmission main shafts and specific retaining clips.

Possible consequence of this defect can include transmission damage, excessive gear wear, hard shifting, and possible failure resulting in rear wheel lock up.

Possible warnings may include; hard shifting and/or sticking in gear, failure to shift.

Chronological Summary

7-6-2007 Irbit Motorworks received a warranty claim for a damaged transmission. The dealer stated that the transmission had locked up in third gear and would not shift. The dealer replaced the transmission with a new unit.

7-6-07 Irbit Motorworks requested the defective transmission be returned for inspection.

7-8-07 It was determined that the transmission failure was due to a retaining clip coming off the main shaft and in turn locked the transmission in third gear.

7-9-07 Irbit Motorworks contacted the factory to discuss the failure, it was determined that any motorcycle produced prior to 6-1-07 may have the defective main shaft and/or retaining clip. All transmissions installed after 6-1-07 at the factory had passed the more strict inspection prior to assembly. Factory representatives informed me they had also had one failure in Europe and had began regular inspections.

7-10-07 Jason Rae (Product Support Manager) started filing procedures for recalls following guidelines provided by the NHTSA. The technical team provided a repair solution for review.

Remedy

All motorcycles produced prior to 6-1-07 will need to be recalled and the transmissions retrofitted with new main shafts and retaining clips that meet specific specifications. Main shafts and retaining clips produced after 6-1-07 have larger grooves in the shaft and a larger more secure retaining clip. Herzog (manufacturer of the specific shafts and clips) will provide replacements that will be installed in house by our factory trained technician. Dealers involved in the recall will only be required to remove the defective transmission and replace it with a repaired unit.

Recall Schedule

By 7-24-07 Irbit Motorworks will notify all Ural dealers and repair facilities of the recall by mail, e-mail, and the dealer web board update (see attached dealer notification letter). A letter with replacement instructions will be mailed and e-mailed to the dealers to prepare them for the recall.

By 7-24-07 notifications will be mailed to all registered owners concerning this recall (see attached owner notification letter). The owners of the affected motorcycles will be instructed to contact their local dealer for a service appointment. All parts and labor charges will be covered by warranty; no charges will apply to the customer or dealer for this recall.

7-29-07 Replacement transmissions will be available for the dealers upon request. Dealers will be required to provide the VIN number prior to replacement parts being sent to verify it is covered by this recall.



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Vehicle Recall Owner Notification Letter

Dear Ural motorcycle owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Reason For This Recall

Irbit Motorworks has determined that a defect which relates to motor vehicle safety, exists in certain Ural motorcycles. It was found that the transmission main shaft and retaining clips may be defective. This defect may result in transmission lock up, transmission damage, and/or motor vehicle accident.

What We Will Do

All affected motorcycles will be inspected for this defect: if it is found your transmission has defective shafts and retaining clips the complete transmission will be replaced at no charge.

What You Should Do

Please contact your nearest Ural dealer and/or repair facility as soon as possible to schedule a service appointment. You may be asked to provide your VIN (vehicle identification number) for confirmation of recall. The labor time for this repair is approximately 4 ½ to 5 hours. You may be asked by your dealer to leave the motorcycle for the repair.

Your Ural dealer is best equipped to obtain parts and provide service to ensure that your vehicle is corrected as promptly as possible. If, however, you take your vehicle to your dealer on the agreed service date, and they do not remedy this condition on that date or within three (3) days, we recommend you contact Ural customer service by calling 1-888-990-8484

After contacting your dealer and Ural customer service, if you are still not able to have the safety defect remedied without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, SW, Washington, DC 20590 or call 1-888-327-4236 (TTY: 1-800-424-9153) or go to <http://www.safercar.gov>.

If you had this repair performed before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. For more information contact Ural Customer Service at 1-888-990-8484. If you have sold or traded your vehicle, please let us know by calling Ural Customer Service at 1-888-990-8484.

We are sorry to cause this inconvenience; however, we have taken this action in the interest of your safety and continued satisfaction with our products.

Sincerely,
Irbit Motorworks of America, Inc



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Vehicle Recall Service Bulletin

TO: All Ural Dealers

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle which is subject to a recall campaign of this type must be adequately repaired within a reasonable time after the owner has tendered it for repair. Failure to repair within sixty (60) days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the owner may be entitled to an identical or reasonable equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation.

To avoid having to provide these burdensome solutions, every effort must be made to promptly schedule an appointment with each owner and to repair their vehicle as soon as possible. As you will see in reading the attached copy of the letter that is being sent to owners, the owners are being instructed to contact the [MFR] customer service if their dealer does not remedy the condition within three (3) days of the mutually agreed upon service date. If the condition is not remedied within a reasonable time, they are instructed on how to contact the National Highway Traffic Safety Administration.

Defect Involved

Irbit Motorworks has determined that a defect with related to motor vehicle safety, exists in certain 2007 model Urals from production dates 1-15-07 thru 6-1-07. These vehicles may have a defective transmission main shaft and retaining clips. If in fact the shaft and retaining clip are defective it may result in a transmission failure, lock up and/or motor vehicle accident.

This recall will involve replacement of the defective transmission with a new inspected unit. You will be required to remove the defective transmission and install the replacement transmission sent to you at no charge. All required parts and instruction will be provided at no charge.

Vehicles Involved

Involved are all Ural motorcycles produced at the factory between 1-15-07 and 6-1-07. Models include Patrol, Tourist, Tourist Deluxe, Gear-up, Retro, and Wolf.

Involved vehicles have been identified by Vehicle Identification Number Computer Listings. Computer listings contain the complete Vehicle Identification Number, owner name and address data, and are furnished to involved dealers with the recall bulletin. Owner name and address data furnished will enable dealers to follow-up with owners involved in this recall.

Sincerely,
Jason Rae
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Transmission Replacement Instruction

Preparing the motorcycle

- Place the motorcycle on the center stand
- Disconnect the battery
- Drain the fuel tank into a spare fuel canister

Removing the transmission

- Carefully remove the fuel tank
- Disconnect the clutch and speedometer cables from the transmission
- Loosen the branch pipes at the back of the carburetors and remove the air box as an assembly
- Remove the starter
- Remove the rear wheel
- On 2wd models disconnect the sidecar driveshaft from the final drive by removing the safety wire and (2) retaining bolts, then slide the shaft over
- Remove the final drive (remember the driveshaft will be retained in the transmission)
- Press the driveshaft out of the rubber coupler first then remove the rubber coupler from the transmission
- With the coupler out of the way you will have just enough room to pull the driveshaft out of the swing arm on the right side by pulling it forward past the transmission
- Remove the remaining nut and through bolt from the bottom sides of the transmission that retain it to the engine
- Pull the transmission out from the left side, be careful not to damage the left hand carburetor, remove it if necessary from the head, no need to disconnect the cable

Re-installing the transmission

- Re-install in reverse order of removal
- When placing the transmission back in the motorcycle be sure to install the clutch release rod into the clutch pack correctly
- Be sure to align the driveshaft u-joint with the fork on the front of the shaft to prevent vibration
- Do not forget to install new safety wire at the sidecar driveshaft connection (2wd motorcycles only)
- After installation check that all air box connections are tight to prevent any air leaks
- Be careful not to damage the wire harness when installing the fuel tank